

# Cracklin' Static

May 2023 Edition



**SIERRA NEVADA**  
Amateur Radio Society

**In-person and virtual  
meeting  
May 6,  
8 AM. For details see  
pg 5 ...**

**SNARS NET on DMR – Tuesdays 8pm**  
DMR Talk Group: 31328 SNARS

#### SNARS Treasury Closing Balances As of 4-29-23

|                |         |
|----------------|---------|
| Operating      | \$5039  |
| Convention     | \$4151  |
| Self Insurance | \$17000 |
| Savings        | \$13000 |
| PayPal         | \$1103  |
| Total          | \$40294 |

|                    |                                                                   |
|--------------------|-------------------------------------------------------------------|
| Net Income / Year  | \$1166                                                            |
| Net Income / Month | -\$681<br>(purchase of<br>raffle prizes,<br>Sample Tee<br>shirts) |
| Memberships        | 14                                                                |
| Donations          |                                                                   |
| Amazon Smile       | \$45                                                              |
| PayPal Giving      | \$13                                                              |
| Members            | \$835                                                             |
| Total              | \$893                                                             |

#### SNARS Membership as of 4-30-23

|            |     |     |
|------------|-----|-----|
| Extra      | 134 | 33% |
| Technician | 125 | 31% |
| General    | 123 | 30% |
| Advanced   | 15  | 4%  |
| No License | 6   | 1%  |
| Total      | 403 |     |

#### SNARS ARRL Members as of 4-30-23

|         |     |     |
|---------|-----|-----|
| Regular | 263 | 65% |
| Life    | 37  | 9%  |

# PRESIDENT'S VOICE

**SNARS PRESIDENT BARRY BETTMAN, K6ST**

Last month in April, we had several events with excellent turnouts, Thank you SNARS members!!!

And many more fun activities continue: **Save the Dates** ... SNARS has many new events coming up in this month of May 2023, be sure to put them on your calendar and consider helping out the club.

**Show N' Shine with 7QP HF Operation:** Saturday, May 6th.





**775 OFFROAD & RECOVERY  
4X4 SHOW N SHINE**  
MAY 6, 2023  
**Help Operate W7TA  
During the 7QP Contest!**

Please SignUp:

<https://docs.google.com/forms/d/e/1FAIpQLSf1NWg27hHL3Tw67PTdbTcwLL8PxKuFsYBn4Qvj0qldIIIONMQ/viewform>

**Reno Ham  
Swap:** Saturday, May  
13th  
**More Info:**  
<http://renohamswap.com/>



**May 13, 2023 - Click For Details**

**HELP NEEDED**

**SNARS Member Appreciation Picnic**

**Sunday, May 21 - Bartley Ranch**

**MORE INFO**

**SNARS Member Appreciation Picnic:** Sunday, May 21st

Please help out, SignUp:  
<https://docs.google.com/forms/d/e/1FAIpQLSfVTdCSuNCs7lWzvtbgrVOQYR-YjqAaz5OJw7vSJW0wX2sT-w/viewform>

**For the month of June**, we are planning (1) a **possible** in-person SNARS meeting on June 3rd, (2) ARRL Kids Day on June 17th, and (3) the annual field day event June 23-25th at Washoe Lake State Park <https://snars.org/activities/field-day/>

CW has been very popular in the club. Several members have been having fun getting on the air with CW, as well as being registered in the "SNARS Morse Code CW Mentored Learning Program". It has been so popular, that at present when you signup there is a waiting list and Woody K1LB [skywavevoyager@gmail.com](mailto:skywavevoyager@gmail.com) will get back to you as soon as it opens.

73 my friends, and ...

See you on the air, K6ST Barry [k6st@arrl.net](mailto:k6st@arrl.net)



PO BOX 7727 Reno NV 89510

Yearly Dues: \$40.00 Individual • \$50.00 Family

### 2023 Officers

President..... Barry Bettman, K6ST  
Vice-President..... Brian Verhalen, KJ6EAC  
Treasurer..... Doug Edmondo, W7DBE  
Secretary..... Anthony Marcin, W7XM  
Director ..... John Byerly, N7ROJ  
Director ..... Jim Shepherd, W6US  
Director ..... Krystal Nelson, AJ6GC

### 2022 Staff

Cracklin Static     Howie Holden, WB2AWQ  
W7TA Trustee     Peter DeBay, KE7VSR  
KR7ENO Trustee     Howie Holden, WB2AWQ  
Control Operator     Pat Sheehan, W7DED  
Youth Involvement..... Barry Bettman K6ST  
NVQSO Coordinator..... Jim Shepherd, W6US  
Historian     Jon Fox, KF7KTC  
Tech Team Lead     Pat Sheehan, W7DED  
Membership     Kim Farnham, KG7TMA  
PIO     Greg Krantz, NT7Q  
VE Coordinator     Krystal Nelson, AJ6GC  
Meeting Greeter     Bill Jones, AE7OX  
Noon Net Manager     Wes Vick, KG7QXE  
DMR Net Manager     Anthony Marcin, W7XM  
Reno Ham Swap     Wes Vick, KG7QXE  
Webmaster     Erik Andreasen, K6CZH  
Club Sales Manager..... Vacant  
Recording Secretary..... Doug Edmondo, W7DBE

### Cracklin Static Publication

Editor: Howie Holden WB2AWQ - [holden7471@msn.com](mailto:holden7471@msn.com)  
Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Cracklin' Static is published the week before meetings. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size, line spacing or other tools as may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday (or whichever Saturday is the meeting) of each month.

### SNARS Wide Area Linked System

|                    |                             |            |
|--------------------|-----------------------------|------------|
| 147.030 + PL 123.0 | Sparks, Fernley, Fallon     | Offline    |
| 147.210 + PL 100.0 | Reno, Sparks                | Online     |
| 147.150 + PL 123.0 | Lake Tahoe, Truckee, Carson | Online     |
| 146.925 - PL 123.0 | Lovelock, Fallon            | Not Linked |
| 146.670 - PL 123.0 | Winnemucca                  | Not Linked |
| 444.875 + PL 100.0 | Yerington                   | Not Linked |
| 444.125 + PL 123.0 | Reno Sparks                 | Offline    |

### DMR Systems

|                |                             |        |
|----------------|-----------------------------|--------|
| 444.925 + CC 1 | Reno, Sparks                | Online |
| 444.825 + CC 1 | Dayton, Fallon, Carson      | Online |
| 443.925 + CC 1 | Lake Tahoe, Truckee, Carson | Online |
| 443.950 + CC 1 | Incline Village             | Online |
| 442.875 + CC 1 | Sparks, Fernley, Fallon     | Online |
| 442.850 + CC 1 | Downtown Reno               | Online |
| 441.950 + CC 1 | Fallon, Fernley             | Online |

### Fusion Systems

|                 |                      |        |
|-----------------|----------------------|--------|
| 146.610—DGID 28 | Reno, Carson, Dayton | Online |
|-----------------|----------------------|--------|

### IRLP / EchoLink Systems

|                    |              |            |
|--------------------|--------------|------------|
| 147.300 + PL 123.0 | Reno, Sparks | Not Linked |
|--------------------|--------------|------------|

### Packet / APRS

|                  |                             |         |
|------------------|-----------------------------|---------|
| 145.050 - RNO    | Reno, Carson, Dayton        | Online  |
| 145.050 - ROSE   | Lake Tahoe, Truckee, Carson | Online  |
| 144.390 - TOULON | Lovelock, Fallon            | Offline |

### Standalone Systems

|                     |                      |        |
|---------------------|----------------------|--------|
| 147.390 + PL 100.0  | Reno, Carson, Dayton | Online |
| 443.075 + PL 123.0  | Reno, Carson, Dayton | Online |
| 927.0875 + PL 114.8 | Reno, Carson, Dayton | Online |

Online
  Offline
  Not Linked

Visit <https://snars.org/repeaters/analog> for additional updates/status on repeaters.



## Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley  
147.150 + PL123.0 – Lake Tahoe / Truckee  
147.210 + PL 100.0 - Reno  
444.875 + PL 100.0 - Yerington  
146.925 - 123.0 – Lovelock / Fallon  
146.67 – PL 123.0 - Winnemucca

**Monday through Friday @ 12:00pm**

Open to all amateur radio operators. A general informational net for the amateur radio community of

## Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0  
147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

|                                |                    |
|--------------------------------|--------------------|
| SNARS Noon Net                 | Mon—Fri @ 12:00pm  |
| ERC Net for NV and Northern CA | Monday @ 9:15pm    |
| N. Western NV ARES Net         | Thursday @ 7:30pm  |
| Northern Nevada Preppers Net   | Wednesday @ 8:00PM |
| Hospital Net                   | Friday @ 10:00AM   |

## Nets on Simplex/HF

|                     |             |                    |
|---------------------|-------------|--------------------|
| Jefferson Noon Net  | 7.204 LSB   | Daily - 12:00pm    |
| 6 Meter Net         | 50.350 USB  | Tuesday – 8:00pm   |
| 2 Meter Weak Signal | 144.250 USB | Wednesday - 8:00PM |
| 2 Meter Simplex Net | 146.500 FM  | Thursday – 8:00PM  |
| 10 Meter Net        | 28.350 USB  | Sunday – 2:00PM    |

## Join us on SNARS Telegram Channel



Telegram

a new era of messaging

Visit <https://snars.org/telegram>

Our official channel for members to communicate with each other via chat, ask questions and get the latest information about the club, repeater status and amateur



SNARS Weekly DMR Net

**Tuesdays 8:00PM**

SNARS Talk Group 31328

## SNARS CALENDAR

**SNARS Board Meeting Wednesday, May 10, 6:00PM. Location and mode Chin Chin, Sparks, and Zoom**

**HAM RADIO MENTORING NIGHT** on Zoom 7:00 PM Monday, May 15, see <https://snars.org/hamradionight/>

**Reno QRP Group Meeting Tuesday, May 16, 11am – 12pm, Jack's Coffee Shop #2, 605 N Wells Ave, Reno, NV. Contact Ed, WD7Y [WD7Y@sbcglobal.net](mailto:WD7Y@sbcglobal.net) for more info. If cancellation is needed, will be announced on the SNARS noon net.**

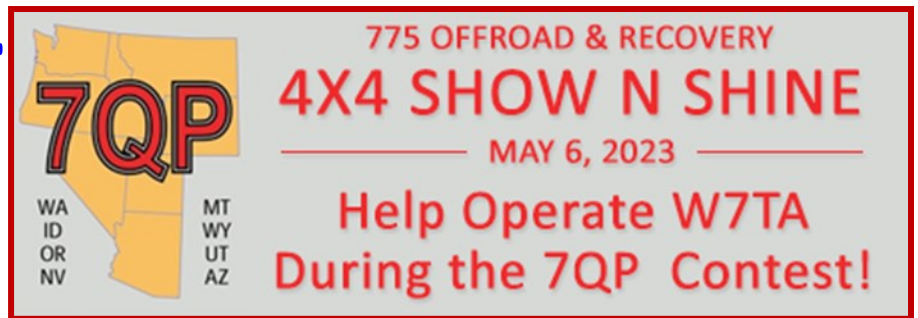
**Next months SNARS Breakfast Meeting, June 3, 8 AM. Location and media mode tentative, depending on Board decision.**

## WELCOME NEW MEMBERS

As Of April 30, 2023

|         |         |        |
|---------|---------|--------|
| Anthony | Webster | KJ5ASO |
| Regina  | Turner  | KK7LOR |
| Timothy | Downham | KD6CUD |
| Taylor  | Rudkin  | KR7TAZ |

**SNARS In-Person and Virtual Monthly Meeting will not be held this May 6! Instead, join us at the 4X4 Show n Shine, and 7QP/W7TA operations in Carson City, or operate 7QP from your home or mobile/portable station!**



**There will also be a SNARS raffle at the 4X4 Show N Shine pavilion! [CLICK](#) on either banner above to register, and for more details on the 4X4 Show N Shine. Then see page 11 for more details on 7QP!**

**SNARS Pavilion at 4x4 Show N Shine**

**Sat May 6th - Carson City**

**Come Operate SNARS W7TA for 7QP**



# Member Benefit: SNARS ONLINE HAM SWAP

<https://snars.org/hamswap>

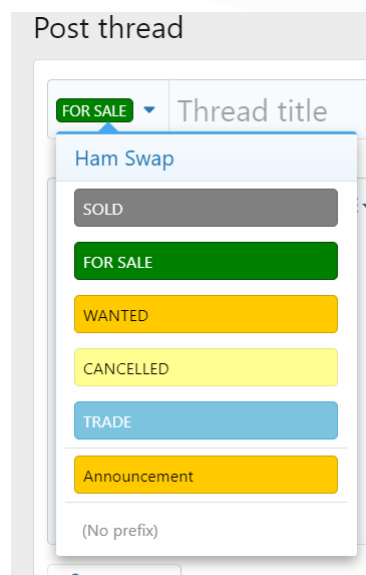
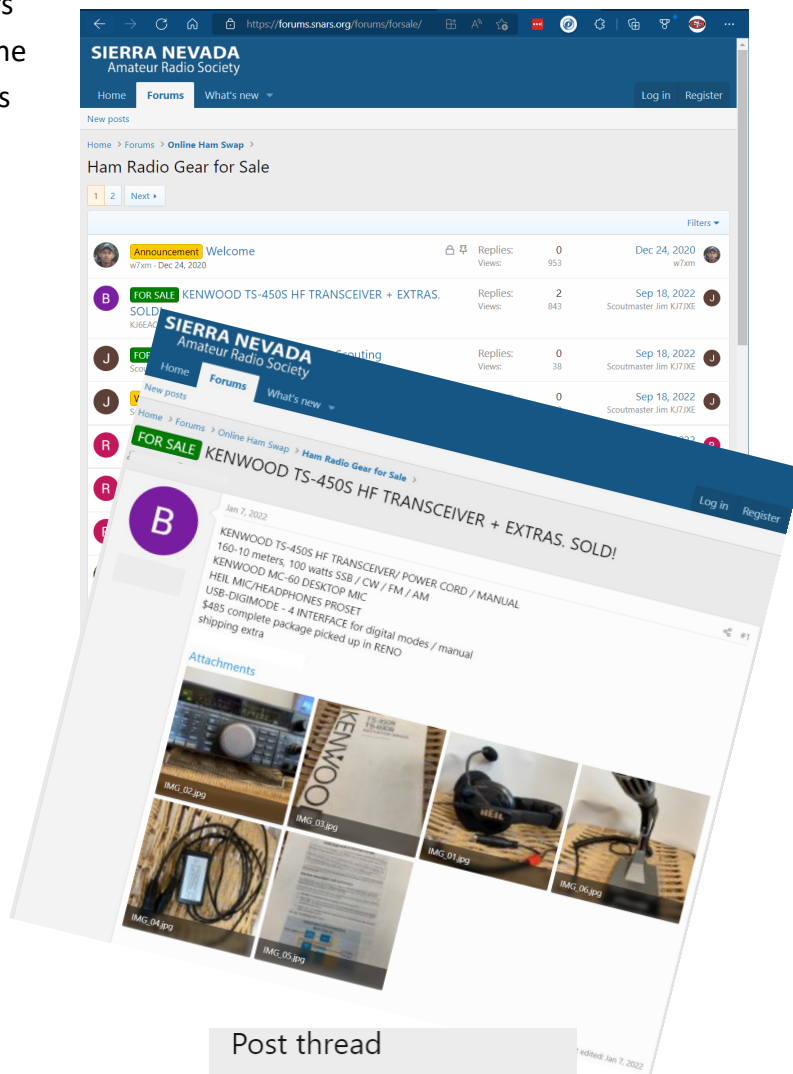
**A SNARS members only benefit:** We offer members a way to swap gear online and locally throughout the year. The online Ham Swap page provides members an option to list your gear, photos and descriptions for anyone to view.

You can find the swap page by either visiting <https://snars.org/hamswap> or locate the link at the top menu of the SNARS website labeled “Ham Swap”.

## General Steps to posting a listing:

- 1.) Using your SNARS account (your\_call@snars.org) click the Log in button at the top right. If you don't have a SNARS Account please request one to be setup by sending an email to [membershipteam@snars.org](mailto:membershipteam@snars.org).
- 2.) Click the “Post thread” button at top right.
- 3.) Select the post type “For Sale, Wanted, etc.” by clicking the down arrow button left of the title box.
- 4.) Type in a title for your items.
- 5.) Type in the message of any description of the items, condition of items and the best way to contact you. You may also post images of the items (recommended).
- 6.) Once you have completed the post click on “Post thread”.
- 7.) Your posting will now appear for all to view.

**Note:** you may visit the post anytime to update items and or change the status from for sale to sold by clicking the edit thread button under the three dots button and click edit thread, then click on the down arrow to choose the thread type to Sold or any other status.



If you have any questions about this member benefit please contact us at [membershipteam@snars.org](mailto:membershipteam@snars.org)

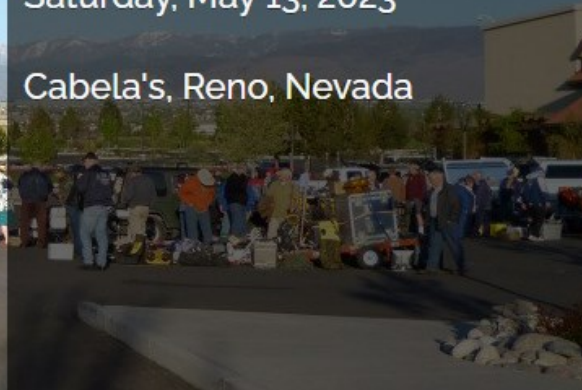
# RENO Ham Swap



## Ham Swap

Saturday, May 13, 2023

Cabela's, Reno, Nevada



**TALK-IN Frequency 147.210 + PL 100.0**

### Summer Ham Swap at Cabelas, Reno, Nevada

**8650 Boomtown Garson Rd. Verdi, NV (RENO)**

**Saturday, May 13, 2023**

Talk-In Repeater: 147.210 + PL 100.0

DMR: Talk Group: SNARS (31328)

**NEW: See List of Planned Swap Items**

### SIGNUP FOR ANNOUNCEMENTS

Join Our Email Announcement List for future updates of Reno Ham Swap Events.

**Join Our Email List**

### EVENT DETAILS

Saturday

**7:00 AM - Swap Setup**

\$10.00 Per Parking Lot Space  
Approx 8'x16'

**Online Swap Space Registration**



## DIRECTIONS FROM CALIFORNIA

Take Exit 4 from I-80. Turn Left at the top of the ramp and follow the road around to Cabela's located on the left. We will be in the north eastern parking lot.



## DIRECTIONS FROM RENO



### 8:00 AM - Open to Public

Swap Opens to The General Public

### 10:00 AM - Raffle Drawing

Purchase raffle tickets at the event.

- ARRL Gift Certificates
- A HT Radio
- Misc Radio Related Items

### Questions or Comments

[info@renohamswap.com](mailto:info@renohamswap.com)

### About Reno Ham Swap

The Reno Ham Swap is held yearly in May and September. The Reno Ham Swap is becoming a premier event for ham swappers in the Northern Nevada and Sierra Nevada Areas. The event draws over 25 unique ham swappers and over 200 attendees and growing. The event is hosted by the Sierra Nevada Amateur Radio Society, Inc.



**Affiliated  
Event**

Sponsored by



All proceeds go to the SNARS which provides support to maintaining and building out the repeater systems and amateur radio related events and education in Northwestern Nevada and Eastern California areas.



# THE NAME OF THE GAME

Jim Shepherd W6US

## TEN AND SIX METERS

10 meters has been open regularly, the 6 meter season is just beginning, but there is something that is missing.... About 5000 of the 9000 licensed hams in Nevada are Technicians and virtually NONE of them are getting on these two bands where they have privileges.

SNARS has several radios capable of being used on 10 and 6 meters that are **available for loan to members**. (contact W6US at [nvjims@gmail.com](mailto:nvjims@gmail.com) for the needed training on using them) A number of 'old timers' also have some older radios gathering dust in storage that could be loaned to newer hams. The used market on the internet and some radio sites have lots of capable radios for very reasonable prices, and we will have a Ham Swap on May 13 that will feature dozens of these radios... The equipment is available and relatively inexpensive as most of the HF radios built in the last 30 years have had 10 and 6 meter capability.

Antennas are easy to make and are very inexpensive. 16.25 feet of wire and enough coax to get to the operating position will make a good dipole on 10 meters and 9.5 feet of wire will do the job on 6 Meters. Cut those wires in half and hook one piece to the center conductor of the coax and the other half to the shield of the coax. Hang it up under the eaves of your house or between a couple of trees, and you are ready to operate. No need to buy premade wire antennas as these are too easy to build. Once you start making lots of contacts, 6 and 10 meter directional beams are relatively inexpensive and can be rotated with a low cost TV antenna rotor or with the 'armstrong' method... (manual turning of the antenna)

So what can you expect to work with this basic setup? 10 has regularly been open into South America and the Caribbean around mid day. Callsigns like ZF, PY, CO, CE, HK, LU, etc will be heard across the band from 28.300 to 28.497 (those are the legal dial frequencies for Technician SSB operators). Japan, Australia and New Zealand are also popping up on 10, and as the conditions keep improving, Europe and Africa will also start coming in. Quite a difference from catching an occasional California station on the Mt. Rose repeater.... For a list of callsign prefixes, go to <http://www.on4sh.be/ham/prefix.htm> You will quickly get a real education in world geography!

6 meters will regularly get you contacts across the country. When

the band opens you will hear a lot of stations in the Midwest and as conditions improve, the east coast, South America, and the Caribbean will be coming in... When it really opens up, Hawaii, Alaska and even Japan or further can show up. With a beam antenna, these distant areas are easier to get. One thing you will notice is that everyone will be giving out their grid zone. In the Reno area, we are in DM09 grid, and a lot of other hams will be happy with that grid along with the Nevada contact.

Besides SSB voice, all Technicians can use the digital modes in the appropriate areas on both the 10 and 6 meter bands. FT8 has been very popular on both of these bands and quickly will add a lot of countries and grid zones to your log. You will find that you are doing a little victory happy dance every time you work an

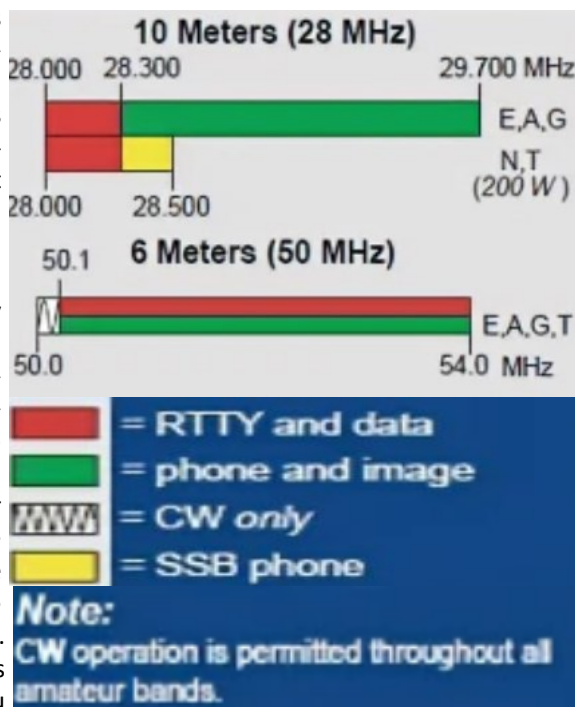
ATNO (All Time New One) or at least it will put a big grin on your face! On 6 meters, you can run 1500 watts into a directional antenna array and do Moon-bounce... hit the moon when it is on the eastern horizon, and you can work Europe, on the western horizon and you are into Asia, Australia, and the Pacific Islands, and if it overhead, north and south America.

Logging becomes more important as you and the ham on the other end of the contact, will want to confirm the contact with either a QSL card or electronically with Logbook of the World (LOTW). On 10 meters it will be easy to make it most of the way toward the DX Century Club award During the WPX contest, I worked 27 countries out of the 61 contacts on 10 meters that weekend. 6 meters has the VUCC award for 100 or more grid zones and with FT8 that has become easier to

achieve. There are some good free logging programs available that will let you upload the contacts to the Logbook of the World for conformation. The free N1MM+ Contest logging program has a DX and VHF (6 meter) overlay that works for basic logging, but there are general purpose logging programs that also can capture more information.

Operating on these bands will really expand your fun with ham radio. Right now we are on the increasing side of the solar cycle which will increase the activity on 6 and 10. A handheld on repeaters is like a bicycle with training wheels---getting on these other bands with SSB and Digital modes is more like a good motorcycle, and it will make you want to upgrade your license so you can get on the rest of the HF bands.

Make use of your privileges and get on the air on 6 and 10 meter, you will like it!





# SNARS VOLUNTEERING

**Volunteering** excels within the club as we have many new events as SNARS ramping up in May & June that welcome additional help from members. I'd like to thank the SNARS / Cabela's Community Appreciation team: with many volunteers: **Brian KJ6EAC, Kirk KB7QOD, Barry K6ST Eugene KB7JZO, Gerry KJ7GEZ, Kim KG7TMA, Chuck WD6CHC, Ray KB7GN, Alain KJ7OFT, Wes KG7QXE**

We are looking forward to more SNARS Volunteers to help out for events: Show n Shine with 7QP, Reno Ham Fest, SNARS Member Appreciation Picnic, ARRL Kids Day, Field Day.

Please feel free to reach out to me to see how you might be of service to the club. With great appreciation,  
K6ST Barry SNARS President [k6st@arrl.net](mailto:k6st@arrl.net)



## SHORT TAKES (By Jim Shepherd W6US)

### CONTEST CALENDAR

The 7QP is coming up Saturday and we need a whole lot more hams sign up to activate their or neighboring counties here in Nevada. Send your county and callsign to [7qpops@codxc.org](mailto:7qpops@codxc.org). Also this weekend is the Indiana, Delaware, and New England QSO Parties, so there will be plenty of activity on the bands. The Canadian Prairies QSO party will be on May 13 and the Arkansas Party will be on May 20. The CQ CW WPX contest will be on Memorial Day weekend. These and other contest information can be found at: <https://www.contestcalendar.com/contestcal.html>

### DX

Some of the better operations will be from Fiji, Niger, Rwanda, Mar-

ket Reef, and Maldives. With 10m open, you can hear lots of other DX stations, especially South America where it should be easy to work every country on that continent. More information can be found at <https://www.ng3k.com/Misc/adxo.html>

### THIRD MONDAY ZOOM HAM RADIO NIGHT

We will have our popular Ham Radio Nights via ZOOM to get your questions answered. It will be held at 7pm on Monday, May 15th. Some of the items discussed will be Logging and Contest operations. More information, including the link will be published before that date.

## NAME THAT RIG?

(Answer on page 15)



# 7QP IS COMING UP SATURDAY!

The 7<sup>th</sup> area QSO Party will start at 6 am on Saturday morning and run until midnight. We are still looking for some operators who will go out to the rural areas. Here in northern Nevada, Churchill, Humboldt, Lander, Eureka, Elko, and White Pine counties are in need of operators. In all counties, we are in need of CW and Digital operators.

The more operators we have, the better it is for all. We do need lots of operators who are at their home station! Even if you only plan on getting on for an hour or so, please send in your call and county to [7qpops@codxc.org](mailto:7qpops@codxc.org) so they can put it on their planned operations webpage.

Full information can be found at <http://ws7n.net/7qp/new/Page.asp?Content=start>. The exchange is easy—59 for the signal report, and “NV” with the first 3 letters of the county name. Washoe is NVWAS, Carson City is NVCAR, and so on. 7<sup>th</sup> area stations can contact any hams anywhere, the rest of the world can only contact 7<sup>th</sup> area stations for credit.

The Off Road Show and Shine down at Fuji Park on the Carson/Douglas county line will have a SNARS operation and will be using the club call, **W7TA** and giving 59 NVCAR/DOU reports, effectively making two contacts at once. If you would like to make a few contacts, stop by and join the fun.

## W1AW/7 AND VOTA UPDATE

Our first week with the W1AW/7 callsign here in Nevada is in the logbook, and we made over 1700 contacts around the world! 17 hams covered 60 shifts to give us this good result. On Sunday of our week, a massive solar event really played havoc with the radio propagation, but with some perseverance, the operators continue to dig out more contacts.

We will have a second week in late September, and will be looking for more operators. Virtually all of our operators this last week are looking at joining us again. More information will be sent out nearer to the event.



VOTA totals are increasing, and anyone who has a LoTW account will accrue points when they contact any of the various state's

W1AW/# operations. Other points can also come from your other activities where you may encounter others who are ARRL members, volunteers for the ARRL in various positions, volunteer license examiners, ARES leadership, etc. The website, <https://vota.arrl.org/index.php> has more information, and you can go to the Leaderboard on that site to see the scores. You can look at just the Nevada list and see who the active operators are and find your score if you have a free LoTW account. If you are an ARRL member, sending in your logs will give others points.

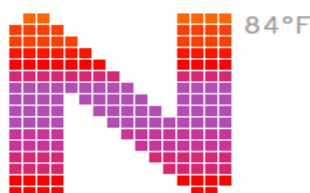
## MORSE CODE AND HOW IT HELPED WIN WWII

### How CW helped win WW2 for the Allied Forces

I am doing a presentation at The Nevada Museum of Art on June 23, from noon to 12:45 PM in the third floor auditorium. See <https://www.nevadaart.org/event/art-bite-morse-code-and-how-it-helped-win-wwii/>.

Join us for an exploration of the history and technology of Morse code with radio technology enthusiast and US Army Veteran Woody Brown, and learn how Morse code came to be used and helped the Allied Forces win the Second World War.

Woody Brown, K1LB, Telegrapher

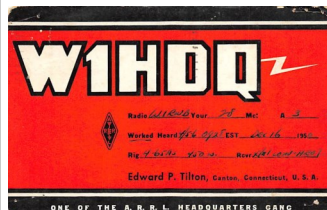


NEVADA MUSEUM OF ART

# W7SSB's FUN PAGE

## ED TILTON W1HDQ /LEW MCCOY W1ICP

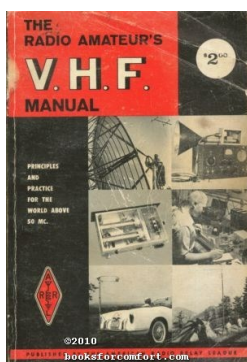
Ed and Lew were two of many hams that helped build our hobby in the 30's, through the late 90's. Both were instrumental in the success of QST providing many articles and building projects. Ed and Lew wrote many publications on subjects including antennas, vhf / uhf operations and equipment. I remember as a kid reading the old issues of QST and the articles from them both.



**Edward P Tilton W1HDQ** - \*1907-1997\* Our subject a native of Springfield, Mass. Known as "Mr VHF" A fine editor, VHF Pioneer, recipient 1972 Chambers award, research and reporting propagation. A technical author and devoted to a VHF column "The world above 50mc".

During WW2 Tilton worked as a field engineer for the military on radar projects – mostly at Pearl Harbor and Guam and became acquainted with the great technological progress the military was making in the VHF-UHF spectrum. Even while occupied with his wartime duties, he still managed to file occasional columns throughout the war years.

Our subject tirelessly attended VHF and amateur meetings of all sorts for many years all over the nation. Tilton came to a San Bernardino Calif Microwave Society meeting in the 70s and some were lucky enough to obtain Ed's autograph on his coveted VHF Manual In 1947, Tilton established the first WAS (Worked All States) standings box for 6 meters. In 1955 he proposed establishing the first calling frequencies for the 6 and two meter bands. Tilton inaugurated the first QST column devoted to VHF in 1939. Originally called "On the Ultra Highs" it eventually became "The World above 50 MHz" His column inspired an entire generation of VHF and UHF enthusiasts and encouraged such activities as EME, meteor scatter and auroral propagation. He was considered an authority on sunspots and solar flares and their effects on propagation. As ARRL Executive Vice President David Sumner K1ZZ put it: "Ed Tilton was one of the outstanding amateur scientists of his generation. Perhaps more than any other individual, he led the exploration of the extended range properties of the VHF and UHF Bands." Mr. Tilton, following his retirement, remained a QST contributing editor. He was the author of the ARRL's first VHF manual and wrote numerous articles for QST. He was praised for his classic Yagi antenna designs for 6 & 2 and 432. Ed earned other awards including Quarter Century Wireless Association recipient of their 1992 Presidential Award. Ed W1HDQ was inducted into the "CQ Hall of Fame" in 2001. He was honored with those who significantly affected the course of amateur radio and made significant impact.



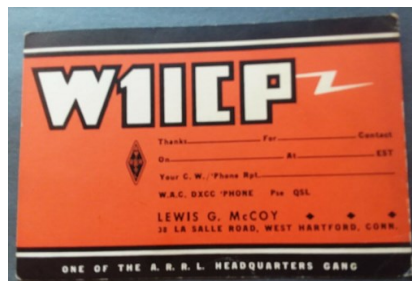
Tilton expired 1 March 1997, he was 89, a life member of the ARRL. He also belonged to the QCWA and the Spring Hill Amateur Radio Club. He was a native of Springfield Massachusetts .

Early UHF / VHF history -

<https://www.w9smc.com/old/SMC%20VHF/earlycontacts.pdf>

**Lew McCoy** was a member of the ARRL Headquarters staff from 1949 until 1978, McCoy gained a national and international reputation primarily for his articles in QST and his early work to combat TV interference.

"He became a hero of all the Novices and beginners because his stuff was so down to earth and easy to read," said retired ARRL Communications Manager George Hart, W1NJM, a good friend.



Sumner said, McCoy made it his mission to educate his ARRL colleagues about their potential.

ARRL Executive Vice President David Sumner, K1ZZ, described McCoy as "one of a kind" and "versatile." Sumner said McCoy "left his mark on future generations of amateurs as QST's 'Beginner and Novice' editor." When FM repeaters came along,

An ARRL Life Member, McCoy was first licensed as W9FHZ. He arrived at ARRL Headquarters in 1949, eventually landing in the Technical Department. There, he was able to take advantage of his ability to explain technical concepts in simple terms.

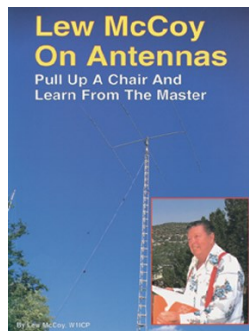
McCoy earned a reputation as a tireless traveler and goodwill ambassador for Amateur Radio. He first started hitting the road in the early 1950s after TVI had become troublesome for amateurs and soon became the League's TVI expert.

Ashurst recalls how the family toured with McCoy as he demonstrated TVI cures for hams and TV service personnel alike. "As children we also sat through many of his presentations and knew more about TVI than any other kids in the country," she said. "We were the first in town to have a TV set so that Dad could monitor interference. Having a TV also made us very popular with the other kids, especially when Ed Sullivan had Elvis Presley [on]."

ARRL Lab Supervisor Ed Hare, W1RFI, credited McCoy with providing the foundation for the ARRL's current RFI expertise in helping hams to deal with interference to consumer equipment and interference to hams from other sources. McCoy also was well-known for one of his projects, "The Ultimate Transmatch," an antenna tuner he described in a July 1970 QST article.

After leaving the ARRL Headquarters staff, McCoy continued as a QST contributing editor. He subsequently was a major contributor to other Amateur Radio publications, including CQ.

During his active years on the air, McCoy was an avid DXer. More recently, he was active in the Quarter Century Wireless Association, had served as QCWA president and a board member and had just been elected again to the QCWA's Board of Directors, something his daughters never got to tell him before he died. QCWA President Emeritus Leland Smith, W5KL, remembers McCoy as a proponent of a no-code license for beginners who also advocated the 5 WPM maximum code requirement subsequently adopted by the FCC.



One of Lew's many publications.



Lew "Mac" McCoy, W1ICP, of Mesa, Arizona, died July 31, 2000. He was 84.

I couldn't find a picture for Ed Tilton.

Stay tuned!  
Don W7SSB



# YOUTH INVOLVEMENT

## ARRL Kids Day

Saturday, June 17th

SNARS is planning to have ARRL Kids Day at the Nevada State Railroad Museum in Carson City. This is a unique event to help kids have a ham radio experience.



Interested? contact K6ST Barry [k6st@arrl.net](mailto:k6st@arrl.net)

# ARES NEWS

## EVENT CALENDAR

| EVENTS 2023                          | DATE     | DATE<br>END | SPONSOR/ORGANIZER              | COORDINATOR            | CONTACT                                                              |
|--------------------------------------|----------|-------------|--------------------------------|------------------------|----------------------------------------------------------------------|
| One Day Ham Cram Test Review         | 2/18/23  |             | Washoe ARES                    | Bob Miller WA6MTY      | <a href="mailto:wa6mtty@gbis.com">wa6mtty@gbis.com</a>               |
| Community Appreciation Day           | 4/15/23  |             | Cabellas Richard Brown         | Bob Miller WA6MTY      | <a href="mailto:wa6mtty@gbis.com">wa6mtty@gbis.com</a>               |
| Silver State 50/50 race              | 5/20/23  |             | Silver State Striders          | Steve KS6A             | <a href="mailto:ks6a@sbcglobal.net">ks6a@sbcglobal.net</a>           |
| Stetina Paydirt                      | 5/20/23  |             | John Prouty; Bike Monkey       | Bob Miller WA6MTY      | <a href="mailto:wa6mtty@gbis.com">wa6mtty@gbis.com</a>               |
| Lost and Found Gravel Grinder SBTS   | 6/3/23   |             |                                | Larry Trotter KI6YUK   | <a href="mailto:dltrotter@sbcglobal.net">dltrotter@sbcglobal.net</a> |
| America's Most Beautiful Bike Ride   | 6/4/23   |             | Tahoe Amateur Radio Assn       | Paul Gulbro, WA6EWV    | <a href="mailto:wa6ewv@juno.com">wa6ewv@juno.com</a>                 |
| Pony Express Re-Ride                 | 6/7/2023 | 6/17/23     | SIERA                          | Gerry Miller KJ7GEZ    | <a href="mailto:hamspud35@gmail.com">hamspud35@gmail.com</a>         |
| Trailblazer Challenge (First event)  | 6/10/23  |             | Make-A-Wish Foundation         | Arlan Robinson KA7ZAU  | <a href="mailto:ka7zau@yahoo.com">ka7zau@yahoo.com</a>               |
| TAHOE 200                            | 6/16/23  | 6/20/23     | Destination Trail Run          | Todd Voigts KJ6DGG     | <a href="mailto:kj6dgg@gmail.com">kj6dgg@gmail.com</a>               |
| One Day Ham Cram Test Review         | 6/17/23  |             | Washoe ARES                    | Bob Miller WA6MTY      | <a href="mailto:wa6mtty@gbis.com">wa6mtty@gbis.com</a>               |
| Trailblazer Challenge (Second event) | 6/24/23  |             | Make-A-Wish Foundation         | Arlan Robinson KA7ZAU  | <a href="mailto:ka7zau@yahoo.com">ka7zau@yahoo.com</a>               |
| Alta Alpina Challenge                | 6/24/23  |             | Alta Alpina Cycling Club       | Jennie Hamiter, KE7YBA | <a href="mailto:jen-niehamiter@mac.com">jen-niehamiter@mac.com</a>   |
| Truckee Tahoe Gravel Race            | 7/1/23   |             | John Prouty; Bike Monkey       | Bob Miller WA6MTY      | <a href="mailto:wa6mtty@gbis.com">wa6mtty@gbis.com</a>               |
| Tahoe Rim Trail                      | 7/15/23  | 7/16/23     | Tahoe Mountain Milers          | Bob Miller WA6MTY      | <a href="mailto:wa6mtty@gbis.com">wa6mtty@gbis.com</a>               |
| Death Ride                           | 7/15/23  |             | Tahoe Amateur Radio Assn       | Paul Gulbro, WA6EWV    | <a href="mailto:wa6ewv@juno.com">wa6ewv@juno.com</a>                 |
| Vegas to Reno Off Road Race          | 8/16/23  | 8/20/23     | Best in the Desert Racing Assn | Keith KC7HTK           | <a href="mailto:kc7ht-keith@hotmail.com">kc7ht-keith@hotmail.com</a> |
| One Day Ham Cram Test Review         | 8/19/23  |             | Washoe ARES                    | Bob Miller WA6MTY      | <a href="mailto:wa6mtty@gbis.com">wa6mtty@gbis.com</a>               |
| Tour De Tahoe                        | 9/10/23  |             | Tahoe Amateur Radio Assn       | Paul Gulbro, WA6EWV    | <a href="mailto:wa6ewv@juno.com">wa6ewv@juno.com</a>                 |
| Reno Air-Races                       | 9/10/23  | 9/17/23     | WC-ARES                        | Bob Miller WA6MTY      | <a href="mailto:wa6mtty@gbis.com">wa6mtty@gbis.com</a>               |
| Reno Jeep Festivle                   | 10/14/23 |             | NV 4WD Assoc, Charles Doyle    | Bob Miller WA6MTY      | <a href="tel:775-433-3864">775 433-3864</a>                          |
| Nevada Day Parade                    | 10/28/23 |             | NV AREA NW DEC                 | Tom Tobacco KE7NCJ     | <a href="mailto:smokey5880@gmail.com">smokey5880@gmail.com</a>       |
| One Day Ham Cram Test Review         | 10/9/23  |             | Washoe ARES                    | Bob Miller WA6MTY      | <a href="mailto:wa6mtty@gbis.com">wa6mtty@gbis.com</a>               |
| Scheels Turkey Trot                  | 11/23/23 |             | WC-ARES                        | Bob Miller WA6MTY      | <a href="mailto:wa6mtty@gbis.com">wa6mtty@gbis.com</a>               |

Washoe ARES Event Support

COMMUNICATIONS EVENT NOTICE: Date Change for Truckee Tahoe Gravel Bike race is July 1st.

Bob WA6MTY

Continued on next page.....

## ARES NEWS (continued.....)

Destination Trail Run (Tahoe 200 — Destination Trail ([www.destinationtrailrun.com](http://www.destinationtrailrun.com)) June 16-20, 2023 is looking for help with communications for their runners to be located at all the aid station on the course for the safety of the running and the Operators. Download the Runners Manual for details about the run.

If you can help out Contact:

Todd H Voigts KJ6DGG

951-757-3501

[kj6dgg@gmail.com](mailto:kj6dgg@gmail.com)

REMINDER: July 1 is when the new General Test is released and if you have not passed the General Test by then, you will need to buy a new book.

I can help you pass the test. June 17<sup>th</sup> is my next One Day Ham Cram where I review every test question, focusing only on the correct answer. You highlight the correct answer, that way you can go back and review the answers.

This method involves more of your human senses. Not only do you see (read), hear, and review the highlighted answer. Usually causes a 95% to 100% success rate.

So come on and let me help you pass the test. Go to [www.snars.org/oneday](http://www.snars.org/oneday) and register for the review, all the details are there.

See you on the 17<sup>th</sup> of June.

Bob Miller WA6MTY

Emergency Coordinator for Washoe County

Amateur Radio Emergency Service

CERT Volunteer

775 843-5952

[www.wcares.us](http://www.wcares.us)

# SNARS HAM RADIO MENTORING NIGHT

3rd Monday of each month at 7PM PT on Zoom

Join together and Elmer each other for Ham Radio Night on

**MONDAY, MAY 15, 2023, 7PM**

The topic smaller breakout groups will be:

**HF OPERATIONS, VHF/UHF ANALOG,  
DMR/FUSION, ANTENNAS**

Each participant can move themselves around to different breakout topics in zoom conferencing to enjoy.

If you have any questions or would like to be of service as an Elmer, please contact K6ST Barry

[k6st@arrrl.net](mailto:k6st@arrrl.net)



Register below for our next Ham Radio Mentoring Night, SNARS (virtual on Zoom conferencing)

May 15 7:00PM PST

<https://us06web.zoom.us/meeting/register/tZYudeitqz0rEtIpUxGKHvqUDwQdRPqYrwQW>



# FUN STUFF FOR MAY

May has NO ARRL or NCJ-sponsored contests, but there are sixteen states involved in state QSO parties! Plus there's the YOTA contest on May 22. 7QP is in BOLD. Have a ball!

6 May 1300 to 7 May 0700 1.8-28 7th Call Area QSO Party CW Ph Dig [www.7qp.org](http://www.7qp.org)

6 May 1500 to 7 May 0300 1.8-28 Indiana QSO Party CW Ph [www.hdxcc.org/inqp](http://www.hdxcc.org/inqp)

6 May 1700 to 7 May 2359 1.8-28, VHF Delaware QSO Party Ph Dig [www.fsarc.org](http://www.fsarc.org)

6 May 2000 to May 7 2359 3.5-28 New England QSO Party CW Ph Dig [www.neqp.org/rules](http://www.neqp.org/rules)

13 May 1200 to 14 May 1159 1.8-28 CQ-M International DX Contest CW Ph [www.cqm.srr.ru/en/rules](http://www.cqm.srr.ru/en/rules)

20 May 1400 to 21 May 0200 1.8-144 Arkansas QSO Party CW Ph Dig [www.arkqp.com](http://www.arkqp.com)

22 May 0800 to 22 May 1959 3.5-28 YOTA Contest CW Ph RS(T), age [www.ham-yota.com/contest](http://www.ham-yota.com/contest)

Check out the rest of the contests here:

<http://www.arrl.org/files/file/Contest%20Corral/2023/May%202023%20Corral.pdf>

If you're not into contests, there's always DX to chase! May doesn't have a lot of DXpeditions but there are some quality ones here. Some of the better ones....

|                                       |             |         |
|---------------------------------------|-------------|---------|
| May 01 to May 05                      | Fiji        | 3D2LYC  |
| May 01 to Jun 15                      | Niger       | 5UA99WS |
| May 03 to May 07                      | Corsica     | TK      |
| May 05 to May 15 and May 23 to Jun 14 | Rwanda      | 9X2AW   |
| May 20 to May 27                      | Market Reef | OJO     |
| May 20 to Jun 04                      | Maldives    | 8Q7VJ   |

You might check with <https://www.ng3k.com/Misc/adxo.html> to see if these DXpeditions are still on, and to see other ones that would be of interest.

## RENO QRP SLOW SPEED CW NET

NEXT NET SESSIONS WILL BE May 11 and May 25 at 10 AM Pacific Daylight Time. Check with [WD7Y@sbcglobal.net](mailto:WD7Y@sbcglobal.net) to confirm times. Target frequency 7.045 MHz, if busy search somewhere near that frequency.

THE FOLLOWING SHOULD ALWAYS BE IN YOUR REPORT:

NAME ,RST, LOCATION, RIG, POWER, ANTENNA.

REMEMBER TO INCLUDE RST IN YOUR REPORT

Feel free to add something else in your exchange.

Take some time to report RST for other OP's or anything else that comes to mind.

Sharing information about you and your equipment will accomplish two things.

First It gives you and everybody else practice sending and copying.

Second It is nice to spend time on the air with your friends. Consider this a QRP meeting on the air.

Relax and have some airtime fun with your friends.

**73/72 Ed/WD7Y**

## NAME THAT RIG (from page 9)

Who knew TenTec made anything with tubes??? In 1971 TenTec made the **TX-100 transmitter**, obviously aimed at the then-Novice class licensees, because it covered only 80, 40 and 15 meters, crystal control only, and power input was 75 watts, although it could be upped to 90 watts for when one made General (as if that helped!) The **TX-100** used a 6CL6 oscillator and a 6LQ6 amplifier tube in the classic MOPA (master oscillator, power amplifier) configuration. The 6LQ6, a high power sweep tube, was usually found in higher power SSB transceivers and color TVs. The **TX-100** also had a keying monitor that would play through the matching receiver that TenTec made for it, the RX-10. The RX-10 was an 80 thru 15 meter Synchrodyne (direct conversion to you newbies) solid state receiver, with all the plusses and minuses of direct conversion. There's actually a manual (if you can call it that) online at [www.bama.edebris.com](http://www.bama.edebris.com). They only made 165 of this transmitter, so it's really rare!



TenTec  
RX-10

## SNARS SILENT KEYS

In Memory of SNARS members and friends who have passed away recently

If you know of a SNARS member or friend of SNARS who has passed away recently, submit it to me [WB2AWQ@arrl.net](mailto:WB2AWQ@arrl.net) or any Board member for verification and inclusion in this list.



# SNARS AT RENO EXPO!

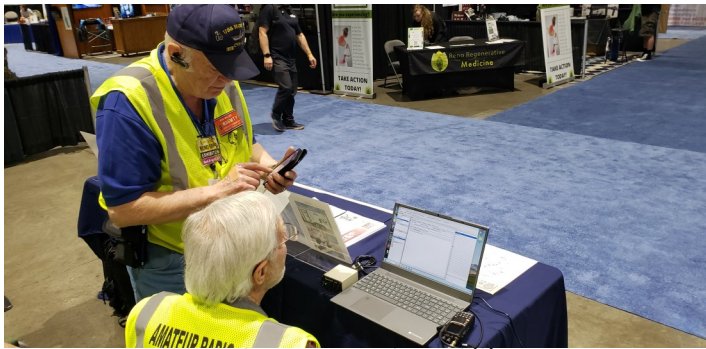
SNARS was invited to participate in the "Reno Off-Road & Motorsports Expo" 5-day public event from Wednesday, March 29th through Sunday, April 2, 2023 at the Reno Convention Center.



Bob WA6MTY and unknown manning ARES truck



Tyler K7TDM, Wes KG7QXE, Eugene KB7JZO



Bob WA6MTY and Darryl (?)



L to R: Wes KG7QXE, Eugene KB7JZO, Bob WA6MTY



L to R: Doug W7DBE, Jim W6US, Eugene KB7JZO, Chuck WD6CHC, Michael AF6A



Front to back: Brian KJ7EAC, Tyler K7TDM, Wes KG7QXE, Eugene KB7JZO



L to R: Chuck WD6CHC, Wes KG7QXE, Tyler K7TDM, Eugene KB7JZO



Brian KJ7EAC operating a radio



# 775 OFFROAD AND RECOVERY 4X4 SHOW N SHINE

Hi Everyone! Rita (WL7CQW) and Scott (WL7CQV) here. We are the Co-chairs of the 775 Offroad and Recovery 4x4 Show N Shine. It's shaping up to be a BIG show with over 160 rigs already pre-registered, 30 Vendor/Informational booths, and 2 Firetrucks!

We appreciate SNARS stepping up to again host a booth at the show and share your knowledge. Communications are vital to those of us who play in the backcountry. But there are so many options - Amateur Radio, FRS, GMRS, CB, HAM more. Many off-roaders don't have the information required to make an informed radio purchase. Often all they know is they need a radio that can transmit and receive on "Channel 1", not knowing what the frequency is or if it's a proprietary frequency. It's difficult for many to understand why they can't communicate with their buddy even though they are both on "Channel 1". This stems from the confusion between channel and frequency. 775 Offroad and Recovery encourages all our members to get their Technician License, but the "ham bands" are not the right solution for everyone. Hopefully stopping by your SSNARS booth at the show will demystify radio communications for our attendees.

And did you hear? The SNARS booth will be a stop on the "Kids Learn and Win" program. Kids must stop at 5 booths to answer a question or perform an activity to earn a prize. I'm not sure what SNARS has up it's sleeve for the kids - but I bet it will be fun

We are looking forward to seeing you all on Saturday, May 6 at Fuji Park in across the street from Costco in Carson City - Its gonna be fun!!

Rita (WL7CQW) and Scott (WL7CQV)  
[Rheidkamp@775OFR.com](mailto:Rheidkamp@775OFR.com)

P.S. Thanks to the SNARS for creating and providing this 4x4 ham radio flyer so that attendees can learn more about amateur radio.



**A highly effective way to communicate from your 4x4**  
The [snars.org](http://snars.org) club is here to help you!

## HAM RADIO is different from other radio systems (CB, GMRS, FRS)

- Increased Reliability
- Clearer quality of communications
- Talk over longer distances
- Multiple repeaters in the Sierras
- Local community to support you in amateur radio
- Easy vehicle-to-vehicle transmission & wide areas coverage

## GET STARTED

- Meet other hams with common interests
- Attend monthly informal virtual Q&A sessions (more info: [SNARS.ORG](http://SNARS.ORG))
- Experience a Ham Radio event (see [snars.org](http://snars.org))
- When you are ready - take a 35 question multiple choice test
- Obtain a ham radio and start practicing on the air

Get your questions answered, daily chat sessions at noon via radio to help people out

## Take action, get started... with 4x4 ham radio communication

More Info: Visit [snars.org](http://snars.org) Questions? Email [snars@snars.org](mailto:snars@snars.org)



# NEWS FROM ARRL HQ

April 28, 2023

[ARRL Home Page](#)

## Making a Big Decision -- Together

Dear ARRL Affiliated Club,

This Monday, May 1, ARRL will launch a survey for members, encouraging their participation as we consider a dues increase.

The survey will include some short questions about raising dues and modifying the way some membership benefits are bundled. The survey will also include an opportunity for members to share their feedback.

**The participation of every member is important.** Please encourage all the ARRL members in your radio club to complete the survey in May.

**The survey will open on May 1 at [www.arrl.org/take-dues-survey](http://www.arrl.org/take-dues-survey).** This is a member-only page. Members need to be logged into the ARRL website to take the survey. Members who are not logged in may select the Login button on the top of the web page, and they will be prompted to enter their ARRL website username and password. If they have not logged in since April 2022, they should use these [Login Instructions](#).

Thank you in advance for urging all ARRL members to complete the survey.

73

Mike Walters, W8ZY  
ARRL Field Services Manager

PS: this message was sent to club Presidents, Secretaries, Newsletter Editors, and Contact Persons. We're grateful for all you do to help keep your club members informed and engaged.

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ARRL, The National Association for Amateur Radio®  
225 Main Street, Newington CT, 06111-1400 USA  
860-594-0200

[www.arrl.org](http://www.arrl.org)



# Board of Directors Meeting Minutes

April 12, 2023- Approx 6:00PM

Chin Chin, Sparks & Via Zoom

## 1. Call to order and roll call at 6:03 PM

### Board of Directors:

Barry Bettman, K6ST - P  
Anthony Marcin, W7XM - Z  
Brian Verhalen, KJ6EAC -P

John Byerly, N7ROJ - P  
Krystal Nelson, AJ6GC - P

Doug Edmondo, W7DBE-P  
Jim Shepherd, W6US - P

### Guest(s) In attendance:

Bob Nelson KA6NSN - P, Wes Vick, KG7QXE - Z (P = In Person, Z = Via Zoom.....ed)

## 2. Approval of Minutes - Discussion/Action

Approve March 2023 Meeting Minutes, Motion, by Brian Verhalen, Second by John Byerly, Motion Passes

## 3. Approval of Agenda - Discussion/Action

Approve Agenda - Motion by John Byerly, Second by Jim Shepherd, Motion Passes

## 4. Reports

### **A. President's Report**

Discussion on Stay Safe SNARS regarding the attendance to public meetings if feeling ill or showing/  
experiencing symptoms to encourage stay home.

Discussion on the several events going on.

### **B. Secretary Report**

Reported 414 Members, Secretary of State Filing for May, Annual List to be completed.

### **C. Treasurer**

1. Reported the Financials for April.
2. Taxes are filed for the year.
3. Thank you note to Chameleon for donations of two batteries
4. Received four new radios for future raffles
5. Order additional items from Amazon for additional raffle prizes.
6. Shirts being printed this week.
7. Software for accounting will move to zipbooks due to the cost of Aplos keeps increasing.

#### **D. Technical Team**

1. John Byerly, N7ROJ reported the Microwave link to Davidson being down, no access to the site will visit once snow melts a bit more, maybe at the end of April.
2. Discussed 443.075 is offline due to power supply issues.
3. Discussion of the DStar NARRI repeater which was turned off due to the licensee passing away. Talked to his son about becoming a future trustee, so far has not happened. Can't have the repeater on the air. Should we ask NARRI to transfer the repeater to the club to be responsible for it and Tony Marcin, W7XM could help to administer it. Action to Ask NARRI to donate or become trustee or to decommission it and return to NARRI. John to reach out to NARRI.
4. Motion to contact Kent's Son on next steps of Dstar Repeater. John Byerly will contact him. Motion by Berry, Second by Krystal, motion carried.

#### **E. Control Operators / Trustee**

No report.

#### **F. Events**

1. Barry recapped the March 29 - April 2, 2023 at Expo, Well Attended event.
2. Discussion on Cabela's Community Appreciation Day, April 15, 2023 will be attending the event after being invited by Cabela's.
3. Ham Radio Mentoring night on Zoom, changed the name to Mentoring and had more attendees, held the third Monday of each month on Zoom with the breakout rooms available.
4. W1AW/7 Discussion on operators signing up for operating on Week of April 19th. [Jim Shepherd](#), W6US
5. Discussion about Mark Twain Days signup on April 22, 23, 2023.
6. Announcing the New Ham Workshop in Person in April.
7. Announcing the Show 'n Shine, May 6, 2023 in Carson City also while operating 7QP.
8. May 13, Ham Swap at Cabela's
9. Members Appreciation Day, May 21st, 2023 Bartley Ranch
10. Kid's Day, June 17th in Carson City, Train Museum ☐
11. Field Day, June 23rd - 25th, 2023

#### **G. Education & Youth Activities**

Kid's Day in Carson City as announced under events.

#### **H. SNARS Noon Net and SNARS Digital Net**

1. Wes, KG7QXE, reported doing the net at the Reno Expo was well received.
2. Still looking for operators for the Noon Net.
3. Barry ran the Digital Net, 9 check-ins, still interested in the net and needed to revamp in the future.

### **5. Old Business**

- A. Member Appreciation Picnic, Discussed Reserving the Picnic Area already, needing a planning team to be formed and to identify activities as next actions.
- B. Field Day 2023, Team of volunteers are being put together. John Byerly discussed the lessons learned and putting together a team to do field day better. Will be a team effort not led by just one person. We have a team for Food/ Cooking, Ideas about efficiency and operating and power distribution. Jim Shepherd reported working on the computers for use at field day.
- C. SNARS Volunteers, No report

### **6. New Business**

- A. Including Other Clubs in our Email List "outreach to other Nevada Clubs" - Discussion/ Possible Action Jim requested to add other clubs on our email list, and asked other clubs to add us. John asked if a reflector could be set up for clubs to post to as a better option.

### **7. Board member and Public Comments**

During this time members and board of directors may speak on any topic regardless if the item was agendaized.



## **8. Adjournment - Action**

- A. Next Meeting: May 10th, 2023 at 6:00PM, Location to be Announced
- B. Call For Adjournment. Motion by Brian Verhalen, Second by John Byerly, Adjourned at 7:16pm

## **9. Executive Meeting**

Executive Meeting called to order at 7:16pm.

Executive Meeting adjourned at 7:27pm.